


## Listing of the Claims

1. (Currently amended) An isolated nucleic acid that encodes ~~SEQ ID NO:4~~ or SEQ ID NO:6.
  2. (Canceled)
  3. (Original) The isolated nucleic acid of claim 1 comprising SEQ ID NO: 5.
  4. (Currently amended) A transgenic monocot cell having a genome comprising a nucleic acid sequence that encodes a protein of ~~SEQ ID NO:4~~ or SEQ ID NO:6.
  5. (Currently amended) A transgenic dicot cell having a genome comprising a nucleic acid sequence that encodes a protein of ~~SEQ ID NO:4~~ or SEQ ID NO:6.
  6. (Currently amended) A transgenic plant with a genome comprising a nucleic acid nucleic acid sequence that encodes a protein of ~~SEQ ID NO:4~~ or SEQ ID NO:6..
  7. (Original) A transgenic plant of claim 6 wherein the plant is rice.
  8. (Original) A transgenic plant of claim 6 wherein the plant is maize.
  9. (Original) A transgenic plant of claim 6 wherein the plant is tobacco.
  10. (Original) A transgenic plant of claim 6 wherein the plant is cotton.
  11. (Original) Seed of a transgenic plant of claim 6.
  12. (Original) Progeny of seed of claim 11.
- Claims 13-18 (Canceled).

Respectfully submitted,



Donald R. Stuart

Registration No. 28,479

Phone: 317-337-4816

Dow AgroSciences LLC  
Patent Section  
9330 Zionsville Road  
Indianapolis, Indiana 46268-1054

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